possibility that such a petition has been inadvertently overlooked and is required. As provided below, charge Deposit Account **04-1105** for any required fee.

Please amend the application as follows:

IN THE CLAIMS

Please **cancel** claims 2, 8, 18, 24, 34, 39, 48, and 57 without prejudice.

Please **amend** the following claims as shown:

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1. (Amended) A history storing device for storing a history of use of an electrical apparatus, comprising:

a detecting circuit for detecting a state of said electrical apparatus, and for issuing an electrical signal corresponding to the detected state, wherein

Q1

said detecting circuit includes a circuit for detecting an elapsed time from at least one of the date of manufacture of said electrical apparatus and the date of first use of said electrical apparatus, and for issuing an electrical signal corresponding to the detected elapsed time;

a determining circuit, connected to said detecting circuit, for determining a history of use of said electrical apparatus based on the electrical signal sent from said detecting circuit; and

a storage circuit, connected to said determining circuit, for storing the detected history of use of the electrical apparatus.

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3. (Amended) The history storing device according to claim 1, wherein

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said detecting circuit includes a circuit for detecting a use environment of said electrical apparatus, and for issuing an electrical signal corresponding to the detected use environment.

4. (Amended) The history storing device according to claim 1, wherein

said detecting circuit includes a circuit for detecting a frequency of use of said electrical apparatus, and for issuing an electrical signal corresponding to the frequency of use.

5. (Amended) The history storing device according to claim 1, wherein

said detecting circuit includes a circuit for detecting a magnitude of impact applied to said electrical apparatus by a user of said electrical apparatus, and for issuing an electrical signal corresponding to the detected magnitude of impact.

6. (Amended) An electrical apparatus, wherein the electrical apparatus comprises the history storing device according to claim 1.

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Q3

7. (Amended) A residual value calculating device for calculating a residual value of an electrical apparatus, comprising:

a detecting circuit for detecting a state of said electrical apparatus, and for issuing an electrical signal corresponding to the detected state;

a determining circuit, connected to said detecting circuit, for determining a history of use of said electrical apparatus based on the electrical signal sent from said detecting circuit;

a calculating circuit, connected to said determining circuit, for calculating the residual value remaining in said electrical apparatus based on the determined history of use of said electrical apparatus;

an output circuit, connected to said calculating circuit, for outputting the calculated residual value; and

a storage circuit, connected to said calculating circuit, for distinguishing parts forming the electrical apparatus based on patterns of variations of residual values during an elapsed time, and for storing said patterns of variations of residual values and the distinguished parts forming the electrical apparatus based thereon,

wherein said calculating circuit includes a circuit, connected to said determining circuit and said storage circuit, for integrating values remaining in the respective parts forming said electrical apparatus based on the history of use determined using said

determining circuit and the patterns of variations of the residual values stored in said storage circuit, and for calculating the residual value remaining in said electrical apparatus.

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9. (Amended) The residual value calculating device according to claim 7, further comprising:

a receiving circuit, connected to said storage circuit, for receiving said patterns of variations of residual values for storage in said storage circuit.

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10. (Amended) The residual value calculating device according to claim 7, further comprising:

a storage circuit, connected to said calculating circuit, for storing an initial value of said electrical apparatus, wherein

said calculating circuit includes a circuit, connected to said determining circuit and said storage circuit, calculating the residual value remaining in said electrical apparatus based on said initial value and the determined history of use of the electrical apparatus.

11. (Amended) The residual value calculating device according to claim 10, further comprising:

a receiving circuit, connected to said storage circuit, for receiving said initial value for storage in said storage circuit.

12. (Amended) The residual value calculating device according to claim 7, wherein

said detecting circuit includes a circuit for detecting an elapsed time from at least one of the date of manufacture of said electrical apparatus and the date of first use of said electrical apparatus, and for issuing an electrical signal corresponding to the detected elapsed time.

13. (Amended) The residual value calculating device according to claim 7, wherein

said detecting circuit includes a circuit for detecting a use environment of said electrical apparatus, and for issuing an electrical signal corresponding to the detected use environment.

14. (Amended) The residual value calculating device according to claim 7, wherein

said detecting circuit includes a circuit for detecting a frequency of use of said electrical apparatus, and issuing an electrical signal corresponding to the detected frequency of use.

15. (Amended) The residual value calculating device according to claim 7, wherein

said detecting circuit includes a circuit for detecting a magnitude of impact applied to said electrical apparatus by a user of said electrical apparatus, and issuing an electrical signal corresponding to the detected magnitude of impact.

16. (Amended) An electrical apparatus, wherein the electrical apparatus comprises the residual value calculating device according to claim 7.

17. (Amended) A history storing device for storing a history of use of an electrical apparatus, comprising:

means for detecting a state of said electrical apparatus, and issuing an electrical signal corresponding to the detected state, wherein

said detecting means includes means for detecting an elapsed time from at least one of the date of manufacture of said electrical apparatus and the date of first use of said electrical apparatus, and for issuing an electrical signal corresponding to the detected elapsed time;

means, connected to said detecting means, for determining a history of use of said electrical apparatus based on the electrical signal sent from said detecting means; and

storage means, connected to said determining means, for storing the detected history.

19. (Amended) The history storing device according to claim 17, wherein said detecting means includes means for detecting a use environment of said electrical apparatus, and for issuing an electrical signal corresponding to the detected use environment.

20. (Amended) The history storing device according to claim 17, wherein said detecting means includes means for detecting a frequency of use of said electrical apparatus, and for issuing an electrical signal corresponding to the detected frequency of use.

21. (Amended) The history storing device according to claim 17, wherein said detecting means includes means for detecting a magnitude of impact applied to said electrical apparatus by a user of said electrical apparatus, and for issuing an electrical signal corresponding to the detected magnitude of impact.

a4

22. (Amended) An electrical apparatus, wherein the electric apparatus comprises the history storing device according to claim 17.

23. (Amended) A residual value calculating device for calculating a residual value of an electrical apparatus, comprising:

means for detecting a state of said electrical apparatus, and for issuing an electrical signal corresponding to the detected state;

means, connected to said detecting means, for determining a history of use of said electrical apparatus based on the electrical signal sent from said detecting means;

means , connected to said detecting means, for storing the determined history of use;

means, connected to said determining means, for calculating the residual value remaining in said electrical apparatus based on the determined history of use;

means, connected to said calculating means, for outputting the calculated residual value remaining in said electrical appliance;

means, connected to said calculating means, for distinguishing parts forming the electrical apparatus based on patterns of variations of residual values during an elapsed time, and for storing said patterns of variations of residual values and the distinguished parts based thereon,

wherein said calculating means includes means, connected to said determining means and said storage means, for integrating values remaining in the respective parts forming said electrical apparatus based on the history determined by said determining means and the patterns of variations of residual values stored in said storage means, and calculating the value remaining in said electrical apparatus..

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25. (Amended) The residual value calculating device according to claim 23, further comprising:

means, connected to said storage means, for receiving said patterns of variations of residual values for storage in said storage means.

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26. (Amended) The residual value calculating device according to claim 23, further comprising:

means, connected to said calculating means, for storing an initial value of said electrical apparatus, wherein

said calculating means includes means, connected to said determining means and said storage means, for calculating the residual value remaining in said electrical apparatus based on said initial value and the determined history of use.

27. (Amended) The residual value calculating device according to claim 26, further comprising:

means, connected to said storage means, for receiving said initial value for storage in said storage means.

28. (Amended) The residual value calculating device according to claim 23, wherein

said detecting means includes means of detecting an elapsed time from at least one of the date of manufacture of said electrical apparatus and the date of first use of

said electrical apparatus, and for issuing an electrical signal corresponding to the detected elapsed time.

29. (Amended) The residual value calculating device according to claim 23, wherein said detecting means includes means of detecting a use environment of said electrical apparatus, and for issuing an electrical signal corresponding to the detected use environment.

30. (Amended) The residual value calculating device according to claim 23, wherein said detecting means includes means for detecting a frequency of use of said electrical apparatus, and for issuing an electrical signal corresponding to the detected frequency of use.

31. (Amended) The residual value calculating device according to claim 23, wherein said detecting means includes means for detecting a magnitude of impact applied to said electrical apparatus by a user of said electrical apparatus, and for issuing an electrical signal corresponding to the detected magnitude of impact.

32. (Amended) An electrical apparatus, wherein said electrical apparatus comprises the residual value calculating device according to claim 23.

33. (Amended) A history storing method for storing a history of use of an electrical apparatus including a history storing device, said history storing device including a detecting circuit, a determining circuit, and a storage circuit, the method comprising the steps of:

detecting a state of said electrical apparatus using said detecting circuit, and issuing an electrical signal corresponding to the detected state;

wherein said step of issuing said electrical signal includes the sub-steps step of

detecting an elapsed time from at least one of the date of manufacture of said electrical apparatus and the date of first use of said electrical apparatus, and

issuing an electrical signal corresponding to the detected elapsed time;

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determining the history of use of said electrical apparatus based on said electrical signal using said determining circuit; and

storing the history determined in said step of determining the history using said storage circuit.

35. (Amended) The history storing method according to claim 33, wherein

said step of issuing said electrical signal includes the step of detecting a use environment of said electrical apparatus, and issuing an electrical signal corresponding to the detected use environment.

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36. (Amended) The history storing method according to claim 33, wherein

said step of issuing said electrical signal includes the step of detecting a frequency of use of said electrical apparatus, and issuing an electrical signal corresponding to the detected use frequency.

37. (Amended) The history storing method according to claim 33, wherein

said step of issuing said electrical signal includes the step of detecting a magnitude of impact applied to said electrical apparatus by a user of said electrical apparatus, and issuing an electrical signal corresponding to the detected magnitude of impact.

38. (Amended) A residual value calculating method of calculating a residual value remaining in an electrical apparatus including a residual value calculating device, said residual value calculating device including a detecting circuit, a determining circuit, a calculating circuit, a storage circuit, and an output circuit, the method comprising the steps of:

detecting a state of said electrical apparatus using said detecting circuit, and issuing an electrical signal corresponding to the detected state;

determining a history of use of said electrical apparatus based on said electrical signal using said determining circuit;

calculating a residual value remaining in said electrical apparatus using said calculating circuit based on the history of use determined in said step of determining the history of use;

outputting the residual value calculated in said step of calculating said residual value using said output circuit; and

distinguishing parts forming the electrical apparatus based on patterns of variations of residual values with respect to time elapsing, and preparing said patterns of variations of residual values and the parts based thereon, wherein

said step of calculating the residual value includes the step of integrating values remaining in the respective parts forming said electrical apparatus based on said history of use and said variation patterns of variations of residual values, and calculating the residual value remaining in said electrical apparatus.

40. (Amended) The residual value calculating method according to claim 39, further comprising the step of:

receiving said patterns of variations of residual values for storage in said storage circuit.

41. (Amended) The residual value calculating method according to claim 38, further comprising the step of:

preparing an initial value of said electrical apparatus, wherein

said step of calculating the value includes the step of calculating the value remaining in said electrical apparatus based on said initial value and said determined history of use.

42. (Amended) The residual value calculating method according to claim 41, further comprising the step of:

receiving said initial value for storage in said storage circuit.

43. (Amended) The residual value calculating method according to claim 38, wherein

said step of issuing said electrical signal includes the step of detecting an elapsed time from at least one of the date of manufacture of said electrical apparatus and the date of first use of said electrical apparatus, and issuing an electrical signal corresponding to the detected elapsed time.

44. (Amended) The residual value calculating method according to claim 38, wherein

said step of issuing said electrical signal includes the step of detecting a use environment of said electrical apparatus, and issuing an electrical signal corresponding to the detected use environment.

45. (Amended) The residual value calculating method according to claim 38, wherein

said step of issuing said electrical signal includes the step of detecting a frequency of use of said electrical apparatus, and issuing an electrical signal corresponding to the detected frequency of use.

46. (Amended) The residual value calculating method according to claim 38, wherein

said step of issuing said electrical signal includes the step of detecting a magnitude of impact applied to said electrical apparatus by a user of said electrical apparatus, and issuing an electrical signal corresponding to the detected magnitude of impact.

47. (Amended) A recording medium for recording in a computer-readable fashion a program achieving a history storing method of storing a history of use of an electrical apparatus including a history storing device, said history storing device including a detecting circuit, a determining circuit, and a storing circuit; and said recording medium having instructions to perform the steps of for:

detecting a state of said electrical apparatus using said detecting circuit, and issuing an electrical signal corresponding to the detected state;

wherein said step of issuing said electrical signal includes the sub-steps of

detecting an elapsed time from at least one of the date of manufacture of said electrical apparatus and the date of first use of said electrical apparatus; and

issuing an electrical signal corresponding to the detected elapsed time;

determining the history of use of said electrical apparatus based on said electrical signal using said determining circuit; and

storing the history of use determined in said step of determining the history of use using said storage circuit.

49. (Amended) The recording medium according to claim 47, wherein

said step of issuing said electrical signal includes the step of detecting a use environment of said electrical apparatus, and issuing an electrical signal corresponding to the detected use environment.

50. (Amended) The recording medium according to claim 47, wherein

said step of issuing said electrical signal includes the step of detecting a frequency of use of said electrical apparatus, and issuing an electrical signal corresponding to the detected frequency of use.

51. (Amended) The recording medium according to claim 47, wherein

said step of issuing said electrical signal includes the step of detecting a magnitude of impact applied to said electrical apparatus by a user of said electrical apparatus, and issuing an electrical signal corresponding to the detected magnitude of impact.

52. (Amended) A recording medium for recording in a computer-readable fashion a program achieving a residual value calculating method of calculating a residual value remaining in an electrical apparatus including a residual value calculating device, said residual value calculating device including a detecting circuit, a determining circuit, a calculating circuit, a storage circuit, and an output circuit; and said recording medium having instructions to perform the steps of for :

detecting a state of said electrical apparatus using said detecting circuit, and issuing an electrical signal corresponding to the detected state;

wherein said step of issuing said electrical signal includes the sub-steps of:

detecting an elapsed time from at least one of the date of manufacture of said electrical apparatus and the date of first use of said electrical apparatus, and

issuing an electrical signal corresponding to the detected elapsed time;

determining a history of use of said electrical apparatus based on said electrical signal using said determining circuit;

calculating a value remaining in said electrical apparatus using said calculating circuit based on the history of use determined in said step of determining the history of use; and

outputting the residual value calculated in said step of calculating the residual value using said output circuit.

53. (Amended) The recording medium according to claim 52, wherein

said residual value calculating method further includes the step of distinguishing parts forming the electrical apparatus based on patterns of variations of residual values with respect to time elapsing, and preparing said patterns of variations of residual values and said parts based thereon; and

said step of calculating the value includes the step of integrating values remaining in the respective parts forming said electrical apparatus based on said history of use and said patterns of variations of residual values, and calculating the residual value remaining in said electrical apparatus.

54. (Amended) The recording medium according to claim 52, wherein

said residual value calculating method further includes the step of receiving said patterns of variations of residual values for storage in said storage circuit.

55. (Amended) The recording medium according to claim 52, wherein

said residual value calculating method further includes the step of preparing an initial value of said electrical apparatus; and

said step of calculating the residual value includes the step of calculating the residual value remaining in said electrical apparatus based on said initial value and said determined history of use.

56. (Amended) The recording medium according to claim 52, wherein said residual value calculating method further includes the step of receiving an initial value for storage in said storage circuit.

58. (Amended) The recording medium according to claim 52, wherein said step of issuing said electrical signal includes the step of detecting a use environment of said electrical apparatus, and issuing an electrical signal corresponding to the detected use environment.

59. (Amended) The recording medium according to claim 52, wherein said step of issuing said electrical signal includes the step of detecting a frequency of use of said electrical apparatus, and issuing an electrical signal corresponding to the detected frequency of use.

60. (Amended) The recording medium according to claim 52, wherein said step of issuing said electrical signal includes the step of detecting a magnitude of impact applied to said electrical apparatus by a user of said electrical apparatus, and issuing an electrical signal corresponding to the detected magnitude of impact.

61. (Amended) An electrical apparatus recycle method of collecting and recycling an electrical apparatus including a residual value calculating device, said residual value calculating device including a detecting circuit for detecting a state of said electrical apparatus, and issuing an electrical signal corresponding to the detected state, a determining circuit for determining a history of use of said electrical apparatus based on the electrical signal sent from said detecting circuit, and a calculating circuit

for calculating a residual value remaining in said electrical apparatus based on the determined history of use, said recycle method comprising the steps of:

outputting the residual value remaining in said electrical apparatus and calculated by said calculating circuit for collecting said electrical apparatus by a collecting agent; and

setting a price for sale of said electrical apparatus based on the value output in said step of outputting said residual value.

Marked-up versions of the amended claims are provided in an annex to this response.

REMARKS

Claims 1 through 61 are pending in the subject application. Claims 1-61 are objected to under 37 CFR 1.75(a). Claims 47-61 stand rejected under 35 USC 112, second paragraph. Claims 47-61 are further rejected under 35 USC 101. Claims 1-4, 6, 7, 10-14, 16-20, 22, 23, 26-30, 32-36, 38, 41-45, 47-50, 52, and 54-59 stand rejected under 35 USC 102. Claims 5, 15, 21, 31, 46, 51, and 60 stand rejected under 35 U.S.C. 103(a). Claims 8, 9, 24, 25, 39, and 40 are objected to but otherwise allowable. Claims 1, 3-7, 9-17, 19-23, 25- 33, 35-47, 49-56, and 59-61 have been amended.

The Applicants appreciate the Examiner's thorough examination of the subject application. However, the Applicants respectfully request reconsideration of the subject application based on the above amendments and the following remarks.

37 CFR § 1.75(a) OBJECTIONS

Claims 1-61 are objected to under 37 CFR § 1.75(a) for failing to point out and distinctly claim the subject matter of the invention. The subject claims have been amended and the Applicants believe that the grounds for rejection are moot.